



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/727,161	12/02/2003	Simon Robert Walmsley	PEA21US	6711
24011 7590 05/17/2007 SILVERBROOK RESEARCH PTY LTD 393 DARLING STREET BALMAIN, 2041 AUSTRALIA			EXAMINER LEWIS, CHERYL RENE A	
			ART UNIT 2167	PAPER NUMBER
			MAIL DATE 05/17/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

# Office Action Summary

Application No.

10/727,161

Applicant(s)

WALMSLEY, SIMON ROBERT

Examiner

Cheryl Lewis

Art Unit

2167

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 16 February 2007.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

### **DETAILED ACTION**

1. This Office Action is in response to the applicants' amendment, RCE (Request for Continued Examination) received on February 16, 2007.
2. Claims 1-21 are presented for examination.
3. The applicant(s) have amended claims 1, 10, and 11 in the amendment received on February 16, 2007.
4. Applicants' arguments with respect to claims 1-21 have been fully considered but they are not deemed to be persuasive.

### **Remarks**

5. In the applicants' remarks/arguments received on December 18, 2006, the applicants state that the amended claims overcome the 35 102(e) rejections under Meisel because of the amended claim limitations that now comprise an encryption or decryption function. However, the examiner does not agree with the applicants' remarks/arguments because of the claim objection presented below in the office action.

### **Claim Objections**

6. Claim 1 is objected to because of the following informalities: Claim 1 is objected to because the preamble of claim 1 has been amended to include "secret keys for use with a corresponding encryption or decryption function", however the structural limitations which comprises the entire functionality of the claim itself does not mention

overcome the 35 102(e) rejections.

Applicants' arguments with the examiner.

Art Unit: 2167

nor does it present any claim limitations that would produce a tangible result of the "secret keys for use with a corresponding encryption or decryption function". In other words, after "the method comprising the steps of:", in steps (a) and (b) which is the body of the invention, there is no claim limitations presented that would teach or suggest any encryption or decryption function of a set of keys. Steps (a), (b), or an additional step needs to be included in the body of the claims that would correspond to an "encryption or decryption function of one or more secret keys". Again, this encrypting and/or decrypting function is only presented in the preamble, however it is not presented in the body of the claims to add consistency and to clarify that the claim is actually producing a "tangible result" of the encryption and/or decryption function for one or more keys.

Appropriate correction is required.

***Claim Rejections - 35 USC § 102***

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

8. Claims 1-21 are rejected under 35 U.S.C. 102(e) as being anticipated by Meisel et al. (Pat. No. 7,035,812 B2 filed February 1, 2002, hereinafter Meisel).

Art Unit: 2167

9. Regarding Claim 1, Meisel teaches a system and method for enabling multi-element bidding for influencing a position on a search result list generated by a computer network search engine.

The method and associated system for a system and method for enabling multi-element bidding for influencing a position on a search result list generated by a computer network search engine as taught or suggested by Meisel includes:

receiving at the first entity (col. 12, lines 30-65, element 110) a request for a second entity (col. 12, lines 30-65, element 120) for one or more of the values (figure 2, element 110 'SECURE LOGIN SCREEN – REQUEST USER NAME & PASSWORD') for one or more of the pieces of secret information (figure 5, element 302 'USER NAME', element 304 'PASSWORD', and elements 310-325) stored in the first entity (col. 13, lines 52-67, '...advertiser account record 300 in the database. '); and in response to the request, outputting the values to the second entity without outputting the one or more pieces of secret information (figure 2, element 180, '...viewing activity reports 180.', col. 13, lines 40-50).

10. Regarding Claim 2, Meisel teaches the pieces of secret information has an associated index and the request includes one or more of the indexes to identify those pieces of secret information for which the values are requested (col. 13, lines 41-51).

11. Regarding Claim 3, Meisel teaches a request for the values all of the pieces of secret information and the response orders the values such that the second entity can determine which values are associated with which piece of secret information and can

Art Unit: 2167

use the order to generate an index for the secret information (col. 13, lines 40-67, col. 14, lines 39-64).

12. Regarding Claim 4, Meisel teaches receiving a request from the second entity identifying a function (figure 5, element 302 'USER NAME', element 304 'PASSWORD', and elements 310-325, col. 12, lines 30-65, col. 13, lines 40-67, col. 14, lines 39-64) and identifying the index of a piece of secret information to be used in performing the function and performing the function using the identified piece of secret information (figure 5, element 302 'USER NAME', element 304 'PASSWORD', and elements 310-325, col. 12, lines 30-65, col. 13, lines 40-67, col. 14, lines 39-64).

13. Regarding Claim 5, the limitations of this claim have been presented in the limitations of claims 1, 3, and 4 presented above. It is therefore rejected as set forth above.

14. Regarding Claim 6, Meisel teaches secret information is stored in one or more physical locations of the first entity (figure 1, element 12), and wherein the values are not indicative of those physical locations (figure 1, element 20).

15. Regarding Claim 7, Meisel teaches the first entity is implemented in a first integrated circuit (figure 1, element 20) and the second entity is implemented in a second integrated circuit (figure 1, element 20).

16. Regarding Claim 8, Meisel teaches a memory for storing the pieces of secret information and the values (figure 1).

Art Unit: 2167

17. Regarding Claim 9, Meisel teaches the physical location of a piece of the secret information having particular attributes (figure 5, element 302 'USER NAME', element 304 'PASSWORD').

18. Regarding Claim 10, Meisel teaches each of the pieces of secret information is a key for use with a corresponding authentication (figure 2, element 110 'SECURE LOGIN SCREEN – REQUEST USER NAME & PASSWORD').

19. Regarding Claims 11 and 13, the limitations of this claim has been noted in the rejection of claim 10 above. It is therefore rejected as set forth above.

20. Regarding Claim 12, Meisel teaches the attribute stored for at least one of the pieces of secret information is the length of that at least one of the pieces of secret information (figure 5, element 302 'USER NAME', element 304 'PASSWORD', and elements 310-325).

21. Regarding Claim 14, Meisel teaches the attribute value stored for at least one of the pieces of secret information is indicative of a permission associated with that at least one of the pieces of secret information (figure 5, element 302 'USER NAME', element 304 'PASSWORD', and elements 310-325).

22. Regarding Claims 15 and 21, the limitations of this claim has been noted in the rejections of claims 9-14 presented above. It is therefore rejected as set forth above.

23. Regarding Claims 16-20, Meisel teaches the means which essentially comprises the same means as a printer (col. 29, lines 27-41).

**NAME OF CONTACT**

24. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheryl Lewis whose telephone number is (571) 272-4113. The examiner can normally be reached on 6:30-3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cottingham can be reached on (571) 272-7079. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

(571) 273-4113 (Use this FAX #, only after approval by Examiner, for "INFORMAL" or "DRAFT" communication. Examiners may request that a formal paper/amendment be faxed directly to them on occasions.).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/ Technology Center (571) 272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.



Art Unit: 2167

For more information about the PAIR system, see <http://pair-direct.uspto.gov>.

Should you have questions on access to the Private PAIR system, contact the

Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read "Cheryl Lewis". The signature is fluid and cursive, with the first name "Cheryl" being more prominent than the last name "Lewis".

Cheryl Lewis  
Patent Examiner  
May 14, 2007